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**Safe repellent against centipedes - contains plant extract, essential oil extract partic. Japanese cypress or mandarin orange, aq. distillate and pyrolytic distillate**

Patent Assignee: DOI K (DOIK-I)

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Patent Family:

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JP 4069308	A	19920304	JP 90177600	A	19900706	199216 B

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Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 4069308	A		3		

Abstract (Basic): JP 4069308 A

Repellent contains plant extract, essential oil partic. Japanese cypress or mandarin orange, aq. distillate and pyrolytic distillate, and their mixt.

Plants contg. essential oils are extd, steam distilled or thermally distilled with pyrolysis to give effective components (e.g. alpha or beta-pinene, limonene, linalool, citral and cinnamic acid). The resultant prods. may be mixed together. The obtd. components are used to prepare conventional formulations.

USE/ADVANTAGE - A safe repellent compsn. against centipedes.

In an example, essential oil of Japanese cypress, aq. distillate of Japanese cypress, formic acid and acetic acid (pyrolytic prods.) a surfactant and water were mixed at wt. ratios of 1-2, 50-35,, 1-2, 1-2, 2-5 and 45-54%, respectively

Derwent Class: C05

International Patent Class (Additional): A01N-025/08; A01N-061/02; A01N-065/00

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